

MIXED MODE MOUNTING ASSEMBLY FOR SHOCK/STRUT ROD

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ABSTRACT OF THE DISCLOSURE

A mounting assembly for a wheel suspension system of a vehicle. The mounting
assembly includes a support structure mounted to the vehicle body. A piston rod, along with
10 a plate, is displaceable relative to the support structure along a line of travel. An insulator is
disposed between the support structure and the plate for coupling the piston rod to the
support structure. The insulator has a first portion defining a first resistance for isolating the
displacement of the piston rod and the plate during an application of a first force which
compresses the first portion only. The insulator also has a second portion defining a second
15 resistance, with the second resistance being greater than the first resistance, for limiting the
displacement of the piston rod and the plate during an application of a second force wherein
the second force is greater than the first force such that both the first and second portions are
compressed.